hp ultrium 100GB data cartridge

hp ultrium 100GB data cartridge C7970A
This cartridge is designed to provide trouble-free performance on
any device bearing the Ultrium logo.

cartridge storage
To prevent condensation and for long life, the cartridge should only be
operated or stored as follows:
Storage: 60°F to 90°F (16°C to 32°C)
Operation: 50°F to 113°F (10°C to 45°C)
Humidity: 20% to 80% Relative Humidity.

32°C 90°F / 16°C 60°F	45°C 113°F / 10°C 50°F	20% to 80%
storage	operation	humidity
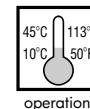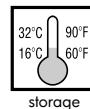
archive storage
Tapes intended for archiving data for
up to 30 years should be stored in their
plastic container and in room conditions
of between 73°F – 41°F (23°C – 5°C) and 50%—10% relative humidity.
Wet bulb temperature should not exceed 78°F (26°C).

cartridge handling
Handle the cartridge carefully. The cartridge may be damaged if it is dropped
so always check for damage. Labels should only go on the front label space. Do not
put any labels on the top, bottom, sides or rear of the cartridge. When not in use, the
cartridge should be stored in its protective plastic container. Do not store the cartridge
in direct sunlight, near magnetic fields or radio transmitters (i.e. mobile telephones).

inserting the cartridge into an ultrium drive
Insert the cartridge (with the arrow and hand grip visible) into the drive. Gently push
the tape until the mechanism engages and the tape is taken into the machine. Be
careful not to force the cartridge and allow the drive to take the tape at its own speed.
Important—check the cartridge is not damaged in any way. Make sure the leader pin
position is correct (see figure 2 below); if not, the cartridge is broken and should be
discarded. Shake the cartridge gently; if you hear a rattling sound, discard.

removing the cartridge from an ultrium drive
Hit the button marked Eject—and wait for
the tape to be released by the drive.

write protecting cartridges
The write protect switch protects recorded
data. Push the switch to the right to prevent
any data recording on the cartridge.
Orange indicator can be seen. Push the
switch to the left to allow data recording
on the cartridge. Orange indicator
cannot be seen.

hp ultrium cartridge memory (LTO-CM)
HP LTO-CM offers great potential for
improving tape drive performance and
reliability, for improving tape library operations
and for assisting users in more effectively
managing their inventory of tape cartridges.
For more details, go to
www.hp.com/go/storagemedia/ultrium.

Fig 1) Correctly inserting media into the drive

Insert with the arrow
facing up and pointing
to the drive

Write protect switch   Cartridge label placed here
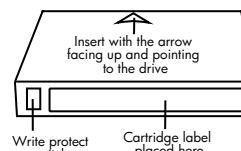
Fig 2) Correct position of cartridge leader pin

Side of cartridge
Sliding door
Ensure leader pin is vertical
when checking cartridge

hp tape tools
HP Tape Tools is a diagnostic application supplied with HP Ultrium drives.
When installed it can interact with the HP LTO-CM to provide information
about tape usage, performance and flag when media is damaged or needs
replacing. For more details on how HP Tape Tools can support system availability,
go to www.hp.com/go/storagemedia/ultrium.

buy hp media on-line
For maximum convenience and up-to-the-minute pricing, you can now re-order HP
media on-line at www.hp.com/go/storagemedia/ultrium.

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